

ABSTRACT OF THE DISCLOSURE

An optical scanning apparatus which has a scanning position detecting section in which a plurality of light receiving sensors are arranged at
5 predetermined spaces in a direction substantially perpendicular to the scanning direction without being overlapped in the scanning direction and each of the light receiving sensors has a shape in which a side into which scanning light of a laser beam is entered
10 is substantially perpendicular to the scanning direction, an opposite side is slanted with respect to the scanning light, and at least one of recess is provided to the slanted side, and it is detected that pulse widths of respective output signals obtained by
15 scanning the scanning position detecting sensor composed of the light receiving sensors with the scanning light of the laser beams are smaller than a predetermined pulse width, so that the resolution in the sub scanning direction of the lasers can be
20 easily adjusted with a simple algorithm.